

# NATIONAL SOLAR OBSERVATORY

## Daily Sunspot Data From Automated Analysis

USAF OSPaN 630.315nm image

CLOUDS: Unknown

CONDITION: Excellent

OBSERVER: *TWH*

Irradiance reduction due to sunspot  
blocking = 0.031% at 630.315nm

**19 May 04**  
**13:30:11 UT**

GROUPS: 6

SPOTS: 17

R-NUMBER: 77

TOTAL SPOT AREA: 630  $\mu$

THRESHOLD: 0.92

